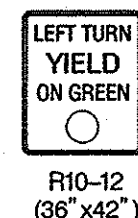
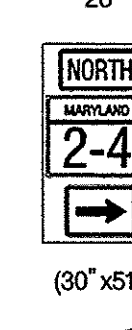
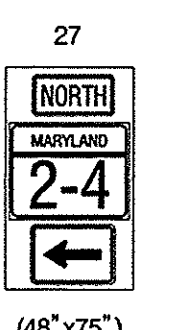
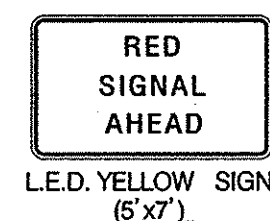
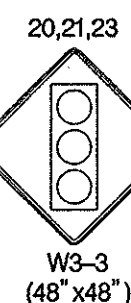


EXISTING SIGNS TO BE REMOVED



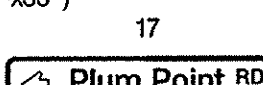
MD 2-4 IS ASSUMED TO RUN IN A NORTH / SOUTH DIRECTION

EXISTING SIGNS



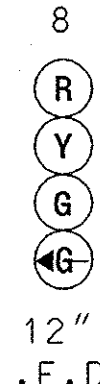
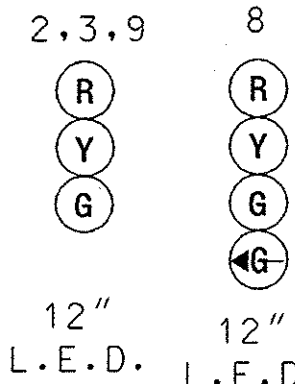
NOTE: SIGNS 25, 26 SHALL BE REMOVED FROM THE SIGNAL POLE AND PLACED ON GROUND MOUNT SUPPORTS.

PROPOSED SIGNS

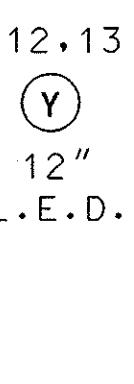
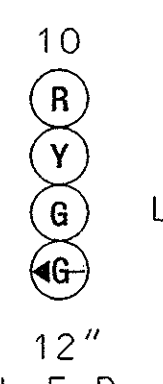
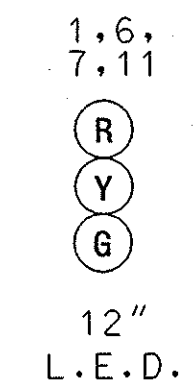
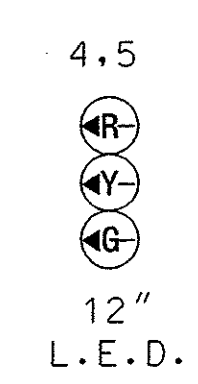


VIDEO DETECTION CAMERAS

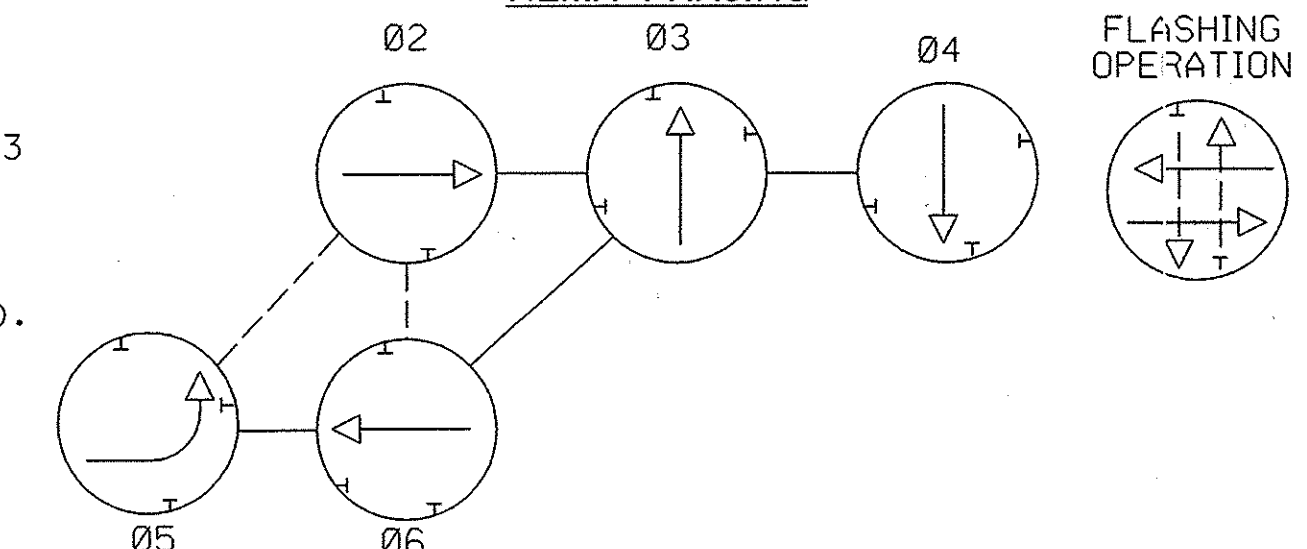
EXISTING SIGNALS



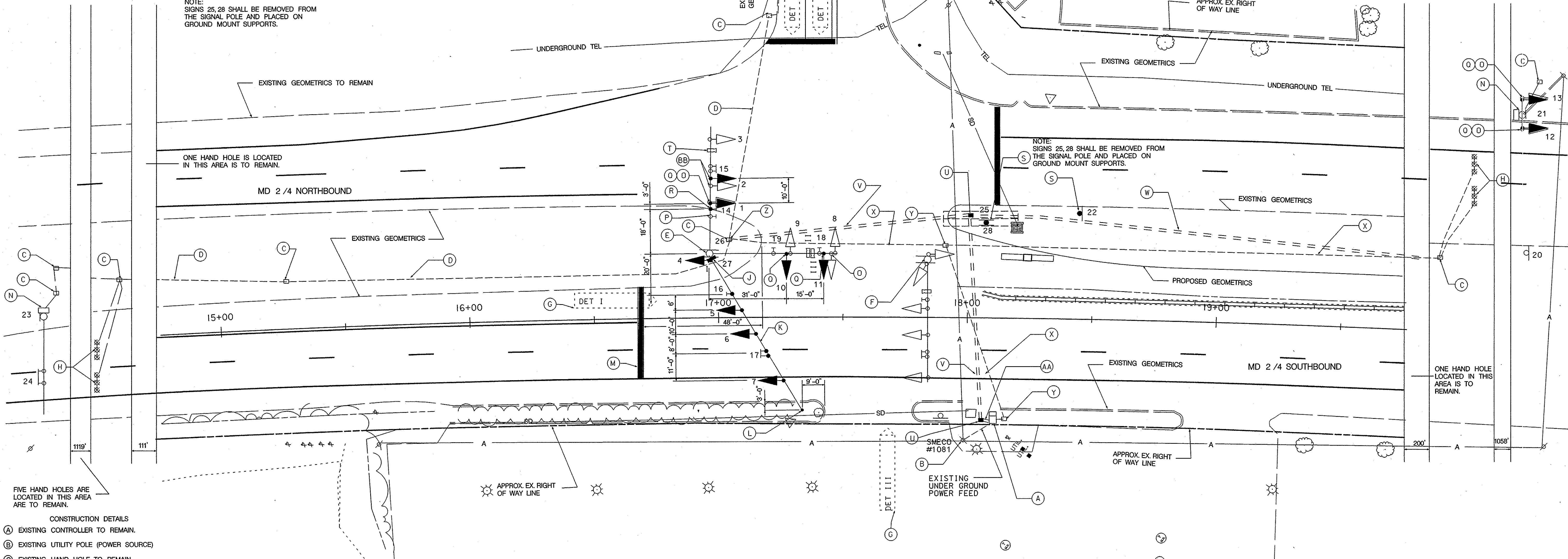
PROPOSED SIGNALS



NEMA PHASING



NOTE: PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.



- CONSTRUCTION DETAILS
- (A) EXISTING CONTROLLER TO REMAIN.
 - (B) EXISTING UTILITY POLE (POWER SOURCE)
 - (C) EXISTING HAND HOLE TO REMAIN.
 - (D) EXISTING CONDUIT TO REMAIN.
 - (E) EXISTING SIGNAL POLE TO REMAIN.
 - (F) EXISTING SIGNAL POLE AND EQUIPMENT TO BE REMOVED.
 - (G) EXISTING VIDEO DETECTOR ZONE TO REMAIN.
 - (H) EXISTING PROBES TO REMAIN.
 - (J) RELOCATED VIDEO CAMERA.
 - (K) INSTALL TEMPORARY SPAN WIRE WITH TEMPORARY SIGNALS.
 - (L) INSTALL TEMPORARY WOOD POLE AND BACK GUY(S).
 - (M) INSTALL TEMPORARY 24 INCH PAINT PAVEMENT MARKING (STOP LINE).

- (N) EXISTING SIGNAL POLE WITH ADVANCED RED SIGNAL AHEAD FLASHER TO REMAIN.
- (O) REMOVE EXISTING SIGNAL HEAD.
- (P) REMOVE EXISTING OVERHEAD SIGN.
- (Q) INSTALL SIGNAL HEAD 12" L.E.D. BLACK FACED.
- (R) INSTALL OVERHEAD SIGN.
- (S) INSTALL GROUND MOUNT SIGN.
- (T) REMOVE EXISTING VIDEO DETECTION CAMERA.
- (U) INSTALL ELECTRICAL HAND HOLE.
- (V) INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT - BORED.
- (W) INSTALL 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
- (X) ABANDON EXISTING CONDUIT.
- (Y) ABANDON EXISTING HAND HOLE.
- (Z) REPLACE EXISTING SIGNAL WIRING WITH NEW WIRE THROUGH THIS HAND HOLE AND NEW WIRE THROUGH PROPOSED CONDUIT TO EXISTING CONTROLLER.
- (AA) INSTALL 4" SCHEDULE 80 PVC ELECTRICAL CONDUIT - TRENCHED.
- (BB) RELOCATE EXISTING SIGNAL HEAD.

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL VERIFY ALL PROPOSED POLE AND CABINET LOCATIONS PRIOR TO INSTALLATION.
3. FOR FINAL PAVEMENT MARKINGS REFER TO THE SIGNING AND PAVEMENT MARKING PLANS, OTHER THAN THOSE DETAILED ON THE PLAN. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH MSHA STANDARDS.
4. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE NEW SIGNAL.
5. ALL PROPOSED LUMINAIRES SHALL BE SUPPLIED WITH A PHOTOCELL.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
7. THE CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES PRIOR TO INSTALLING PROPOSED SIGNAL EQUIPMENT. IF ANY UTILITY CONFLICTS SHOULD ARISE THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER. THE CONTRACTOR AND / OR HIS SUBCONTRACTOR SHALL CONTACT MISS UTILITY BEFORE BEGINNING ANY SIGNAL WORK.
8. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS. HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS. TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, AND MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
9. SEE MOT PLANS FOR ADDITIONAL SIGNING AND DETAILS.



SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 2-4 (SOLOMONS ISLAND ROAD) AT MD 263 (PLUM POINT ROAD)
TRAFFIC SIGNAL PLAN

APPROVALS		REVISIONS		TRAFFIC MOT SIGNAL PHASE 1 – STAGE 1			
<div>TEAM LEADER</div> <div>ASST. DIR. CHIEF</div> <div>DIVISION CHIEF</div> <div>OFFICE DIRECTOR</div> <div>NOTE: THIS IS A REVISION TO ORIGINAL PLAN DATED 08/01/1999</div>		(N)	062006 RECONSTRUCT SIGNAL DUE TO GEOMETRIC UPGRADES S.H.A. CA3175176	SCALE 1" = 20'		DATE 04/07/1999	CONTRACT NO.
		(M)	072002 INSTALL H.I.B. FOR NB MD 2-4 & ADD THIRD SIGNAL HEAD FOR NB MD 2-4 AT INTERSECTION S.H.A. X01085485	DESIGNED BY S. RAMSEY		COUNTY CALVERT COUNTY	
		(L)	082001 UPGRADE DETECTION S.H.A. CA4885177	DRAWN BY S. RAMSEY		LOGMILE 04002023.36	
		LCV	W.M. M.A.R. D.A.J. B.R.K. T.H.	CHECKED BY D. DODA		TIMS NO. H312	
		SWA	W.M. M.A.R. D.A.J. B.R.K. T.H.	FAP NO. SEE TITLE SHEET		TOD NO.	
				TS NO. TS-2533		DRAWING – OF	SHEET NO. 13 OF 25

PLOTTED: Thursday, August 17, 2006 AT 05:14 PM
FILE: C:\SMD\060030_MD2-4_SPL\CADD\p83-P000_MD2-4.dgn